






Method for production of hydrophilic polymer

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Abstract of corresponding document: **EP0343919**

A method for the production of a hydrophilic polymer by the polymerization of a liquid containing an aqueous hydrophilic monomer solution in a reaction vessel provided with at least one rotary stirring blade, which comprises polymerising said hydrophilic monomer in a reaction vessel wherein, at least a portion of the inner wall surface of said reaction vessel repeatedly exposed to said aqueous solution or said hydrophilic polymer and a gas has the surface roughness, R_{max} , thereof adjusted to not more than 3 μm and at the same time said portion of the inner wall of surface is kept cooled constantly to a temperature of not more than 70 DEG C from behind said portion with a cooling medium.

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